

Addendum

This notebook computer system can be readily configured to accept CPUs and hard disk drives of various speeds, capacities, and manufacturers. This addendum provides detailed instructions on how to use the supplied system accessories to install a CPU and hard disk drive in your Notebook PC. You may disregard the information outlined in this addendum if the CPU and hard disk drive are pre-installed in your system. Keep this addendum with the User's Manual for future reference.

What You Have

In addition to items listed on page 6 of the Notebook PC User's Manual you will also find the following accessories:

Two hard disk drive mounting rails and four screws

What You Need

You will need:

A Pentium CPU

A 2.5" IDE hard disk drive

Your Notebook PC supports the following Pentium CPUs:

P54C	P54LM		
75 Mhz	75 Mhz	90 Mhz	100 Mhz

Table A-1 Supported CPUs

Your Notebook computer also supports all popular 2.5" IDE hard disk drives. For high capacity hard disk drives (>540MB), be certain that high capacity IDE hard drive support is properly enabled by setting the "Large Disk Access Mode" entry in the "**Advanced**" sub-menu within the Setup Utility to the proper value. Valid values are "DOS" or "OTHER". See Chapter 4, Running System Setup,

in the User's Manual.

CPU Installation

Step 1 - Preparing the Notebook PC

- Turn off the Notebook PC
- Unplug the AC cord from the wall jack and from the back of the Notebook PC.
- Remove the battery.

Step 2 - Removing the keyboard.

- Position the computer with its display screen facing you.
- At the top of the keyboard are two locking tabs. Slide these toward each other.
- Carefully lift the top edge of the keyboard and turn the keyboard over so it is face-down on top of the touch pad. Take care not to twist or tug at the cables which connect the keyboard to the main board.
- The heat-pipe assembly is now visible.

Step 3 - Removing the Heat-pipe assembly.

- The heat-pipe assembly is secured by a screw located at its left side. Remove the heat-pipe assembly after un-screwing the screw.
- The main board is now visible.

Step 4 - Installing the CPU

- Locate the CPU socket on the main board (see Figure A-1).

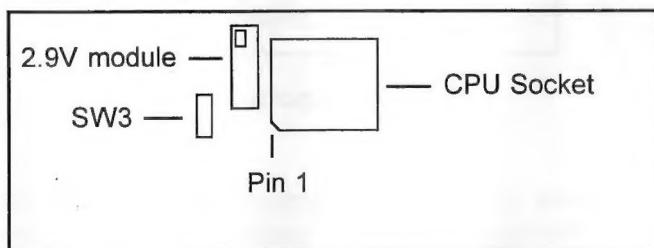


Figure A-1 CPU and switch locations

- Orient the CPU so that pin 1 on the chip (clipped corner) corresponds to pin 1 (as marked) on the socket.
- Carefully insert the CPU into the socket. Press evenly and firmly on the top of the processor until it is firmly seated in the socket.

Step 5 - Removing the 2.9 Volt Power Module (P54C CPU only)

Note: This step is only necessary if a 3.3V CPU (P54C) is installed in the notebook PC (see Table A-1). If the installed processor is a 2.9V CPU (P54LM), skip to step 6.

- Gently pull the 2.9V power module off the main board (see Figure A-1). The power module is attached to the main board via connectors CN11 (top) and CN10 (bottom).
- Connectors CN11 and CN10 on the main board are now exposed. Place three jumpers over pins 1-2, 3-4, and 5-6 on connector CN11 (see Figure A-2).

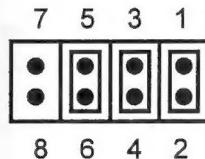


Figure A-2 CN11 jumper settings

Step 6 - Setting the CPU speed switches.

- Using a small screwdriver, adjust dip-switch SW3 (see Figure A-1) as necessary according to Table A-2 for the installed processor.

CPU \ Switch Position	SW3							
	1	2	3	4	5	6	7	8
75 Mhz	ON	ON	OFF	OFF	OFF	OFF	OFF	ON
90 Mhz	OFF	ON						
100 Mhz	ON	ON	OFF	ON	OFF	OFF	OFF	ON

Table A-2 SW3 settings

Step 7 - Replacing the Heat-pipe assembly and keyboard

- Replace the Heat-pipe assembly and secure its mounting screw to the PC.
- Turn the keyboard face-up and insert the tabs at the bottom into the notebook.
- Gently lower the top of the keyboard into the keyboard well.
- Secure the keyboard by pressing down on it while sliding the keyboard locking tabs away from each other into locked position.

Step 8 - Replacing the AC cord and battery

- Install the battery into the Notebook PC.
 - Connect the power supply cord to the Notebook PC and connect the power supply AC cord to the wall jack.
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Hard Disk Drive Installation

Step 1 - Mounting the hard drive frame rails

- Examine the two supplied frame rails. These rails are used for mounting the hard drive into the computer. Each rail has a groove and a knob on one side, as well as two mounting holes.
- Position the hard drive on a flat surface with the circuit board side (bottom) down.
- Align each frame rail so that the grooved end is closest to the 44-pin interface for the drive, and the mounting holes align with the drive's holes. The knob end of each rail should not be near the 44-pin interface.
- Secure the frame rails to the hard drive using the supplied flush mount screws. Make sure that the bottom of the rails are flush with the bottom of the hard drive.

Step 2 - Installing the hard drive into the Notebook PC.

- Open the hard drive door on the left side of the computer to expose the drive bay.
- Gently insert the hard drive assembly into the drive bay with the 44-pin interface end first. The frame rails are keyed and will not allow incorrect insertion.
- Slide the drive into the bay until it stops.
- Close the drive bay door. The hard drive is now installed.